SV250/300/400/450/500

Serene Single Door Vertical Cooler

User Manual

MAN4363 Rev. 3.1 March 2010

serene
from SKOPE

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The Serene trade mark on this product is infringed if the owner, for the time being, does any of the following:

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- Alters, removes (including part removal) or obliterates (including part obliteration) the trade mark on the product
- Applies any other trade mark to the product
- Adds to the product any written material that is likely to damage the reputation of the trade mark

Notice of the above contractual obligations passes to:

- Successors or assigns of the buyer
- Future owners of the product

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1 INSTALLATION

1.1 Safety Information

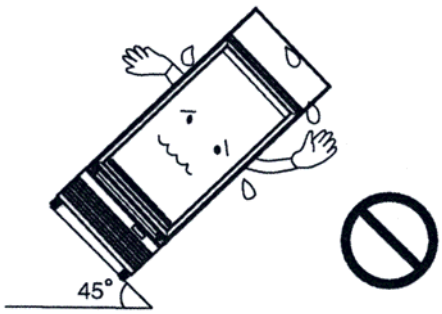
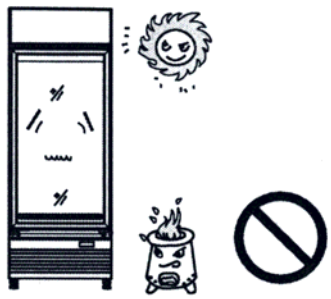
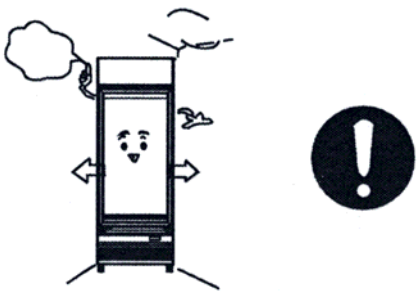
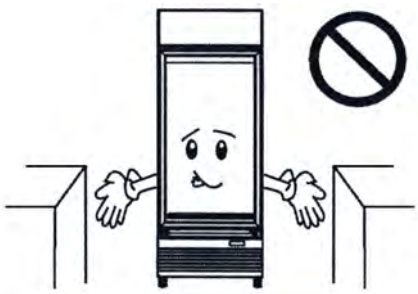
When using any electrical appliance, safety precautions should always be observed. Read these instructions carefully and retain for future reference.

- When used by, or near, young children or infirm persons, close supervision is necessary. Young children should be supervised to ensure that they do not play with the appliance.
- Do **NOT** use this appliance for other than its intended use.
- Do **NOT** cover the grilles or block the entry or exhaust of airflow by placing objects up against the refrigeration unit.
- Do **NOT** probe any opening.
- Only use this appliance with voltage specified on the rating label.
- Ensure adequate ventilation of the refrigeration unit.
- Be careful not to touch moving parts and hot surfaces.
- Regulations require that all electrical work be carried out by authorised persons. For your own safety, and that of others, ensure this is done.
- If the supply cord becomes damaged, it must be replaced by an authorised service agent, or similarly qualified person, in order to avoid a hazard.
- This cooler is not designed to be stable in motion. Exercise caution when moving or transporting this cabinet.

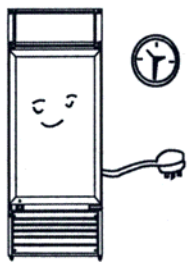
Caution:

Disconnect the cabinet from the power supply before attempting any cleaning or maintenance.

1.2 Positioning the Cooler

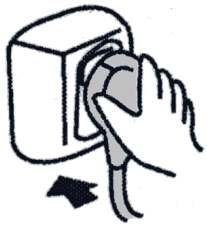
The cooler must be positioned on a level surface to ensure the cabinet is stable, as well as to prevent the condensate tray from overflowing. When being moved the cabinet should not be angled more than 45°.	
When installing the cooler, avoid direct sunlight, hot surfaces and warm drafts etc. The maximum recommended ambient temperature (at place of installation) is 35°C (Climatic Class 7).	
For efficient operation of the cooler, it is essential that adequate ventilation be provided around the refrigeration unit. **A gap of at least 35mm must be left behind the cabinet.**	
Never store cardboard cartons or other items in front of the refrigeration unit. The ventilation slots in the front and rear of the cabinet must be kept clear at all times.	

1.3 Before Operating

1.	Unpack all the packing material from the cabinet, including the base. Open the cabinet door and remove the rubber door stop from the bottom door support bracket.	
2.	Ensure both the front stabiliser feet are screwed firmly down to floor level.	
3.	Screw the two stand-off stops (included in the plastic bag inside the cabinet) into threaded holes in the lower cabinet back. This ensures adequate ventilation is provided behind the refrigeration unit, by preventing the cabinet from being pushed hard against the wall.	
4.	After moving the cooler, allow the cabinet to stand for at least 30 minutes before connecting to the power supply.	

2 OPERATION

2.1 Cabinet Operation

Connect the cabinet to the mains power supply and check operation of the refrigeration unit and cabinet lighting.	

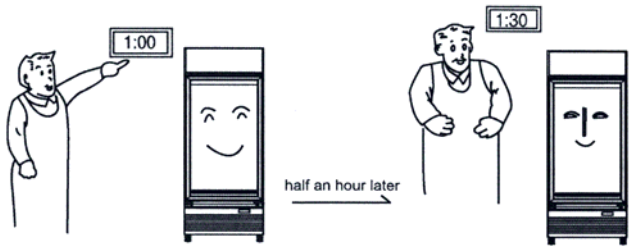
Refrigeration Unit

The refrigeration unit evaporator fan should operate continuously from the time the cabinet is plugged in. This may be verified by checking air movement inside the cabinet. The operation of the condenser fan and compressor are controlled by the manual thermostat located inside the cabinet (see Figure 1 on page 9).

Cabinet Lighting

The cabinet has LED lights inside the cabinet interior, around the inside of the door and inside the sign unit. The cabinet interior lights and door lights are activated by the light switch inside the cabinet. The sign light is activated by the light switch located underneath the front of the sign (see Figure 2 on page 10).

2.2 Loading

The cooler should be left running for 30 minutes before loading with product.	

When loading the cabinet shelves with product:

- Allow air space around all the product, for even cooling and efficient operation of the cooler.
- Do not exceed a maximum loading of 20kg per shelf. Remove some product if the shelves are flexing or bending.
- Leave an air space of at least 50mm above product on the top shelf.
- Do not allow products to overhang the front or rear of the shelves, as this will affect air flow.

Ensure the shelves are securely fitted, using all four of the supplied shelf clips on each shelf.	

2.3 Temperature Adjustment

The storage temperature of the cooler can be regulated to suit different ambient temperature by turning the thermostat, located inside the cabinet (see Figure 1 below).

The thermostat is graduated from 1 through to 7, with 1 being the warmest and 7 being the coldest. For ideal operation the thermostat should be set between 3 and 4. Do NOT set too cold (between 5 and 7), as this may cause the cooler to fail. The thermostat also has an OFF position, which will switch the refrigeration unit off.

- To make colder - turn the thermostat clockwise.
- To make warmer - turn the thermostat anti-clockwise.

Warning:

Turning the thermostat to the OFF position will switch the refrigeration unit off.

Figure 1: Thermostat

3 MAINTENANCE

3.1 Parts

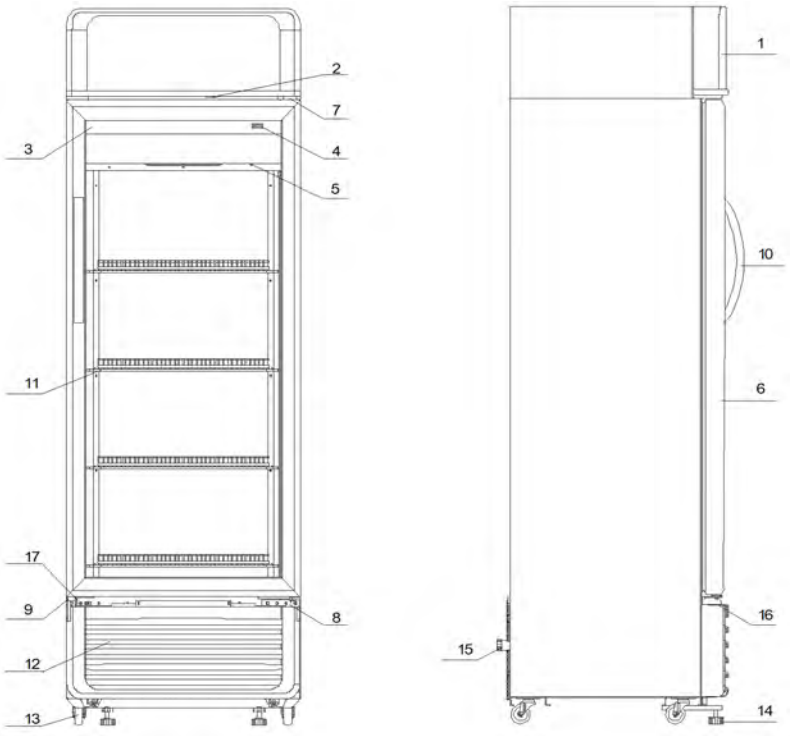


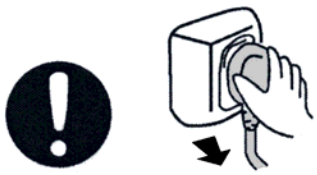
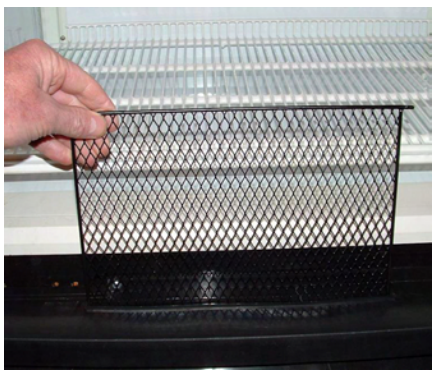
Figure 2: Parts Identification

Item	Description	Item	Description
1	Sign Light Assembly	10	Door Handle
2	Sign Light Switch	11	Shelves
3	Interior Light	12	Front Grille
4	Interior Light Switch	13	Castors
5	Thermostat	14	Stabiliser Feet
6	Glass Door	15	Stand-Off Stops
7	Door Top Hinge	16	Filter Screen
8	Door Bottom Hinge	17	Door Lock Latch
9	Door Support		

Table 1: Parts Description

3 MAINTENANCE

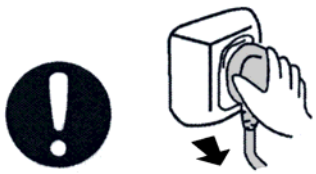
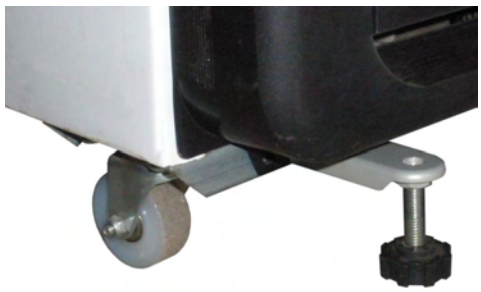
3.2 Cleaning

Disconnect the cabinet from the mains power supply before cleaning.	
When necessary, wipe both the interior and exterior of the cabinet with a damp cloth.	
Do **NOT** use abrasive or corrosive cleaning agents or boiling water to clean the cabinet. Do **NOT** flush the cabinet with water.	
The filter screen, located in the cabinet front grille (models SV400/450/500 only), should be inspected and cleaned on a regular basis. To inspect the filter screen - open the cabinet door and pull the filter screen out from the front grille. Ensure the filter screen is refitted after inspecting.	

3 MAINTENANCE

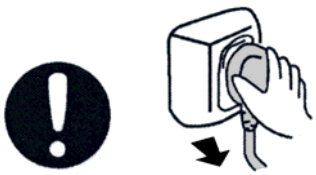
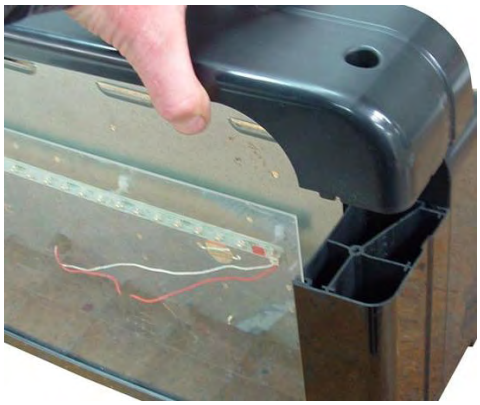
Cleaning the Condenser Coil

The condenser coil MUST be kept clean for efficient and reliable operation. To clean the condenser:

1.	Disconnect the cabinet from the mains power supply.	
2.	Ensure both the front stabiliser feet are screwed firmly down to floor level.	
3.	Remove the cabinet front grille by loosening the two bottom screws and removing the two top screws. Remove the filter screen (models SV400/450/ 500 only) to access the top screws.	
4.	Use a soft brush to remove any dust from the fins of the condenser coil. The condenser should be brushed clean once a month. Ensure the front grille and filter screen are refitted after cleaning the condenser.	

3.3 Changing the Advertising Panel

The advertising panel, in front of the sign light assembly, can be easily changed. To change the advertising panel:

1.	Disconnect the cabinet from the mains power supply.	
2.	Remove the four screws holding the top panel to the sign assembly. Two screws are on the top and the other two screws are on the back of the sign.	
4.	Remove the top cover to access the advertising panel.	

3.4 Contact Addresses

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